



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED

By Carol Day at 2:07 pm, Mar 14, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and when instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102465	PRINTER SN 088.3473.063	DATE OF INSPECTION 03/01/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 350 East High Street, Jefferson City	TIME OF INSPECTION 11:06 pm
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CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories LOT # 13210 EXP. DATE 07/29/2015

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3137 SIMULATOR EXP DATE 05/20/2014

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ➡ .096

TEST 2 ➡ .098

TEST 3 ➡ .099

☒ RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	1
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

None. Instrument operates within established limits.

INSPECTING OFFICER

SIGNATURE

PRINT NAME

Shawn Gerstner

TYPE II PERMIT NUMBER/EXPIRATION DATE

230118 06/12/2015

TELEPHONE NUMBER

(573) 634-9160

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C \pm .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L \pm 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00447

Temp Date Time 210L

Air Blank:
03/01/14 23:11 .000
Calibration Check:
22 03/01/14 23:11 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD - REPRINT

TEST RECORD 00450

Temp Date Time 210L

Air Blank:
03/01/14 23:16 .000
Calibration Check:
24 03/01/14 23:16 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00448

Temp Date Time 210L

Void: RFI
12 03/01/14 23:12

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00449

Temp Date Time 210L

Air Blank:
03/01/14 23:14 .000
Calibration Check:
23 03/01/14 23:14 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00451

Temp Date Time 210L

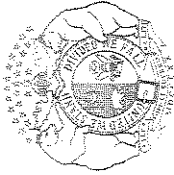
Air Blank:
03/01/14 23:18 .000
Subject Test: Auto
25 03/01/14 23:18 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

2

PERMIT
TYPE II

SHAWN P GERSTNER

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE **06/12/2013**

NUMBER **230118**

EXPIRES **06/12/2015**

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 (R6-10)